



IFW

Electronic Filing System (EFS) Data

Electronic Patent Application Submission

USPTO Use Only

EFS ID: 62850
Application ID: 09539966 

Title of Invention: DATA STORAGE SYSYEM HAVING
SEPARATE DATA TRANSFER
SECTION AND MESSAGE
NETWORK WITH PLURAL
DIRECTORS AND COMMION
PRINTED CIRCUIT BOARDS

First Named Inventor: Stephen MacArthur

Domestic/Foreign Application: Domestic Application

Filing Date: 2000-03-31

Effective Receipt Date: 2004-06-18

Submission Type: Information Disclosure
Statement

Filing Type:

Confirmation number: 2142

Attorney Docket Number: EMC2-044PUS

Total Fees Authorized: 180.0

Payment Category: Deposit Account

Deposit Account Number: 50889

Deposit Account Name: Richard M Sharkansky

Access Code: ****

RAM Payment Status: RAM success

RAM User ID: EFSPROD

RAM Accounting Date: 2004-06-18

RAM Sequence Number: 23

Digital Certificate Holder: cn=Richard M. Sharkansky,ou=Registered Attorneys,ou=Patent and
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US
Certificate Message Digest: 8de13a4a3b4d76aa10da18ff6819db8cd32f277d



TRANSMITTAL

Electronic Version v1.1
Stylesheet Version v1.1.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT BOARDS	
Application Number:	09/539966	
Date:	2000-03-31	
First Named Applicant:	Stephen MacArthur	
Confirmation Number:	2142	
Attorney Docket Number:	EMC2-044PUS	
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>		
Submitted by:	Elec. Sign.	Sign. Capacity
Richard M Sharkansky Registered Number: 25800	/rms/	Attorney
Documents being submitted	Files	
us-fee-sheet	EMC2-044PUS.1-usfees.xml us-fee-sheet.xsl us-fee-sheet.dtd	
us-ids	EMC2-044PUS.1-usidst.xml us-ids.dtd us-ids.xsl	

Comments



FEE TRANSMITTAL

Electronic Version v08
Stylesheet Version v08.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT BOARDS										
Application Number:	09/539966										
Date:	2000-03-31										
First Named Applicant:	Stephen MacArthur										
Attorney Docket Number:	EMC2-044PUS										
Art Unit:	2182										
Examiner:	Mike Nguyen										
TOTAL FEE AUTHORIZED \$180											
Patent fees are subject to annual revisions on or about October 1st of each year.											
BASIC FILING FEE											
<table border="1"><thead><tr><th>Fee Description</th><th>Fee Code</th><th>Amount \$</th><th>Fee Paid \$</th></tr></thead><tbody><tr><td>Submission Of Information Disclosure Stmt Fee</td><td>1806</td><td>180</td><td>180</td></tr></tbody></table>				Fee Description	Fee Code	Amount \$	Fee Paid \$	Submission Of Information Disclosure Stmt Fee	1806	180	180
Fee Description	Fee Code	Amount \$	Fee Paid \$								
Submission Of Information Disclosure Stmt Fee	1806	180	180								
AUTHORIZED BILLING INFORMATION											
The commissioner is hereby authorized to charge indicated fees and credit any overpayments to:											
Deposit account number:	050889										
Access Code	****										
Deposit name:	EMC Corporation										
Deposit authorized name:	Richard M Sharkansky										
Signature:	/rms/										
Date (YYYYMMDD):	2004-06-18										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18

Stylesheet Version v18.0

Title of Invention	DATA STORAGE SYSTEM HAVING SEPARATE DATA TRANSFER SECTION AND MESSAGE NETWORK WITH PLURAL DIRECTORS AND COMMON PRINTED CIRCUIT BOARDS																							
Application Number:		09/539966																						
Confirmation Number:		2142																						
First Named Applicant:		Stephen MacArthur																						
Attorney Docket Number:		EMC2-044PUS																						
Art Unit:		2182																						
Examiner:		Mike Nguyen																						
Search string:		(4977556).pn.																						
US Patent Documents																								
Note: Applicant is not required to submit a paper copy of cited US Patent Documents																								
<table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>4977556</td><td>1990-12-11</td><td>Noguchi</td><td></td><td>370</td><td>60</td></tr></tbody></table>									init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	4977556	1990-12-11	Noguchi		370	60
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																	
	1	4977556	1990-12-11	Noguchi		370	60																	
Signature																								
<table border="1"><tr><td>Examiner Name</td><td>Date</td></tr><tr><td></td><td></td></tr></table>									Examiner Name	Date														
Examiner Name	Date																							